ABSTRACT OF THE DISCLOSURE

The present invention relates to a method and power amplifier for providing an audio current comprising a first audio current and a second audio current to a split voice coil speaker having a first coil and a second coil located in a magnetic field. The first coil and the second coil are wired such that current can be provided to one coil without providing current to the other coil. The first audio current is provided to a first branch connected to the first coil. The second audio current is provided to a second branch connected to the second coil. The first audio current differs from the second audio current. The first audio current in the first coil and the second audio current in the second coil are oriented such that both the first audio current and the second audio current constructively contribute to a force provided to the voice coil.